

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
3 March 2005 (03.03.2005)

PCT

(10) International Publication Number
WO 2005/020332 A2

(51) International Patent Classification⁷: **H01L 31/00**

(21) International Application Number:
PCT/GB2004/003570

(22) International Filing Date: 19 August 2004 (19.08.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0319799.3 22 August 2003 (22.08.2003) GB

(71) Applicant (for all designated States except US): **ITM FUEL CELLS LTD. [GB/GB]; Villa Farm, Jack Haws Lane, Barnack, Stamford, Lincolnshire PE9 3DY (GB)**

(72) Inventors; and

(75) Inventors/Applicants (for US only): **HIGHGATE, Donald, James [GB/GB]; The Wilderness, Holmbury**

Hill Road, Holmbury St Mary, Dorking, Surrey RH5 6NS (GB). **HARRISON, Lindsey [GB/GB]; ITM Fuel Cells Ltd., Villa Farm, Jack Haws Lane, Barnack, Stamford, Lincolnshire PE9 3DY (GB). BOURNE, Simon [GB/GB]; ITM Fuel Cells Ltd., Villa Farm, Jack Haws Lane, Barnack, Stamford, Lincolnshire PE9 3DY (GB).**

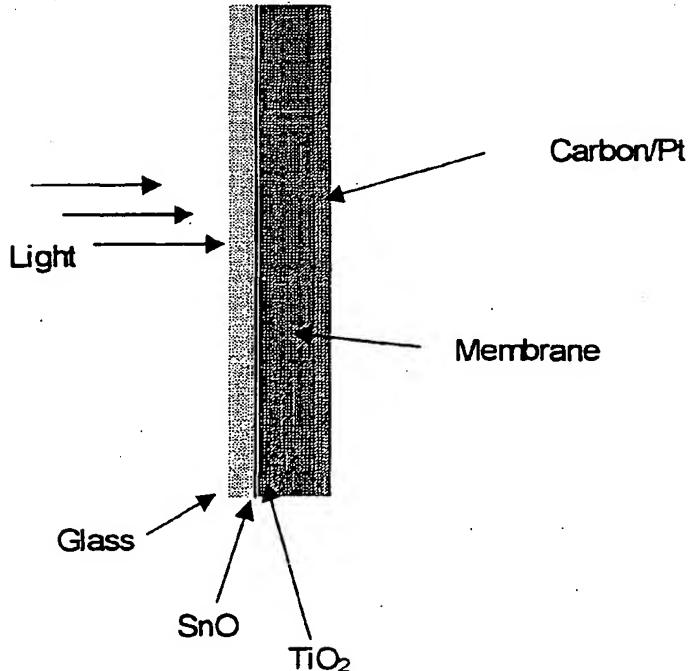
(74) Agent: **GILL JENNINGS & EVERY; Broadgate House, 7 Eldon Street, London EC2M 7LH (GB).**

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: **PHOTOVOLTAIC CELL**

(57) Abstract: A photovoltaic cell is a membrane electrode assembly capable of transmitting light.



WO 2005/020332 A2